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- ☐ **1. Linear discriminant analysis for improved large vocabulary continuous speech recognition**
 Haeb-Umbach, R.; Ney, H.;
 Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE International Conference on
 Volume 1, 23-26 March 1992 Page(s):13 - 16 vol.1
 Digital Object Identifier 10.1109/ICASSP.1992.225984
[AbstractPlus](#) | Full Text: [PDF](#)(308 KB) IEEE CNF
- ☐ **2. Two nonparametric methods for identifying the impulse response of linear systems**
 Bhargava, U.; Kashyap, R.; Goodman, D.;
 Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing],
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 Volume 35, Issue 7, Jul 1987 Page(s):974 - 986
[AbstractPlus](#) | Full Text: [PDF](#)(1280 KB) IEEE JNL
- ☐ **3. Bounds on Quantizer Performance In the Low Bit-Rate Region**
 Noll, P.; Zelinski, R.;
 Communications, IEEE Transactions on [legacy, pre - 1988]
 Volume 26, Issue 2, Feb 1978 Page(s):300 - 304
[AbstractPlus](#) | Full Text: [PDF](#)(536 KB) IEEE JNL
- ☐ **4. The Design of Predictive Trellis Waveform Coders Using the Generalized Lloyd Algorithm**
 Ayanoglu, E.; Gray, R.;
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 Volume 34, Issue 11, Nov 1986 Page(s):1073 - 1080
[AbstractPlus](#) | Full Text: [PDF](#)(960 KB) IEEE JNL
- ☐ **5. Bounds on R₁(D) functions for speech probability models (Corresp.)**
 Abut, H.; Erodol, N.;
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 Volume 25, Issue 2, Mar 1979 Page(s):225 - 228
[AbstractPlus](#) | Full Text: [PDF](#)(592 KB) IEEE JNL
- ☐ **6. Detection of object boundaries in synthetic aperture radar imagery using a human visual model**
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- ☐ **7. Robust estimation of the acoustic attenuation parameter**
Patton, S.;
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Volume 12, Apr 1987 Page(s):1716 - 1719
[AbstractPlus](#) | Full Text: [PDF](#)(248 KB) IEEE CNF
- ☐ **8. Adaptive reception of wireless CDMA signals using empirical detection**
Lin Yue; Johnson, D.H.;
Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 1998 IEEE International Conference on
Volume 6, 12-15 May 1998 Page(s):3205 - 3208 vol.6
Digital Object Identifier 10.1109/ICASSP.1998.679546
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- ☐ **9. Type-based detection in macro-diversity reception for mobile radio signals**
Lin Yue; Johnson, D.H.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on
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Digital Object Identifier 10.1109/ICASSP.1997.604819
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- ☐ **10. A new approach to the optimal modeling of sound propagation in the random ocean**
de Figueiredo, R.J.P.; Chen, G.;
Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on
3-6 April 1990 Page(s):2931 - 2934 vol.5
Digital Object Identifier 10.1109/ICASSP.1990.116240
[AbstractPlus](#) | Full Text: [PDF](#)(240 KB) IEEE CNF
- ☐ **11. Optimal quantizer step sizes for transform coders**
Hung, A.C.; Meng, T.H.-Y.;
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- ☐ **12. Subband coding of video using an edge-based vector quantization technique for compression of the upper bands**
Mohsenian, N.; Nasrabadi, N.M.;
Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE International Conference on
Volume 3, 23-26 March 1992 Page(s):233 - 236 vol.3
Digital Object Identifier 10.1109/ICASSP.1992.226208
[AbstractPlus](#) | Full Text: [PDF](#)(252 KB) IEEE CNF
- ☐ **13. Boundary description and measurement with sub-pixel/-voxel accuracy**
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30 Aug.-3 Sept. 1992 Page(s):6 - 8
Digital Object Identifier 10.1109/ICPR.1992.201914
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- ☐ **14. Trellis source codes designed by conjugate gradient optimization**
Freeman, G.H.; Mark, J.W.; Blake, I.F.;
Communications, IEEE Transactions on
Volume 36, Issue 1, Jan. 1988 Page(s):1 - 12
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**15. Deterministic annealing for trellis quantizer and HMM design using Baum-Welch re-estimation**

Miller, D.; Rose, K.; Chou, P.A.;

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on

Volume v, 19-22 April 1994 Page(s):V/261 - V/264 vol.5

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- L4: (16) background adj noise adj model
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- L6: (5) background adj noise adj model and speech adj model
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- L9: (19) background adj2 model and speech adj model
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1			US 6954745 B2	20051011	41	Signal processing system	706/22	706/45		Rajan; Jebu Jacob					
2			US 6950785 B1	20050927	67	Nonlinear systems, method of design thereof and computer pro	703/2			Billings; Stephen Alec et al					
3			US 6882992 B1	20050419	84	Neural networks for intelligent control	706/48	706/18		Werbos; Paul J.					
4			US 6878952 B2	20050412	22	Sound source separation using convolutional mixing and a ndod s	704/222	381/66, 381/71.1		Acero; Alejandro et al.					
5			US 6822415 B1	20041123	48	Motor controller	318/629	318/580; 318/603		Komiya; Takehiko et al.					
6			US 6813485 B2	20041102	201	Method and system for down-converting and up-conver	455/313	455/118; 455/323		Sorrells; David F. et al.					
7			US 6733481 B2	20040511	26	Methods and apparatus for measuring arterial compliance im	600/490	128/920; 600/300		Bratteli; Chnstopher W.					
8			US 6711536 B2	20040323	29	Speech processing apparatus and method	704/210	704/233; 704/253		Rees; David Llewellyn					
9			US 6653091 B1	20031125	35	Method and device for predicting physiological values	435/14	204/400; 205/777.5		Dunn; Timothy C. et al.					
10			US 6594103 B1	20030715	41	Read channel generating absolute value servo signal	360/77.06	360/53; 360/65		Despain; Alvin M. et al.					
11			US 6560575 B1	20030506	27	Speech processing apparatus and method	704/241	704/221; 704/237		Keiller; Robert Alexander					
12			US 6560353 B1	20030506	11	Method of MRI image	382/128	382/131		Haacke; E. Mark et al.					

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1			US 6928409 B2	20050809	8	Speech recognition using polynomial expansion and hidden	704/256	704/231		Barron, David L. et al.					
2			US 6917919 B2	20050712	15	Speech recognition method	704/255	704/242		Botterweck, Henrik					
3			US 6915260 B2	20050705	10	Method of determining an	704/250	704/255		Botterweck, Henrik					
4			US 6850887 B2	20050201	7	Speech recognition in noisy environments	704/252	704/255		Epstein, Edward et al.					
5			US 6819863 B2	20041116	13	System and method for locating program boundaries and commar	386/46	358/908		Dagtas, Serhan et al.					
6			US 6782363 B2	20040824	11	Method and apparatus for performing real-time endpoint det	704/248	704/210		Lee, Chin-Hui et al.					
7			US 6768979 B1	20040727	21	Apparatus and method for noise attenuation in a speech recognition	704/226	704/215		Menendez-Pidal, Xavier et al.					
8			US 6763069 B1	20040713	7	Extraction of high-level features from low-level features of multim	375/240.08	348/397.1		Divakaran, Ajay et al.					
9			US 6760699 B1	20040706	11	Soft feature decoding in a distributed automatic speech rec	704/233	382/243		Weerackody, Vijitha et al.					
10			US 6751588 B1	20040615	17	Method for performing microphone conversions in a spe	704/233	714/780		Menendez-Pidal, Xavier et al.					
11			US 6751580 B1	20040615	9	Tornado recognition system and associated methods	703/2	704/234		Cope, R. Bradley et al.					
12			US 6725196 B2	20040420	38	Pattern matching method and	704/242	340/601		Keiller, Robert Alexander					